

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,803,717 B2  
DATED : October 12, 2004  
INVENTOR(S) : Tomoya Ohnishi

Page 1 of 7

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Delete Drawing Sheets 2, 8, 9 and 10 consisting of FIGS. 2, 11, 12 and 13, and replace with the attached drawings.

Column 1,

Line 24, "inventors" should read -- inventor --;

Line 25, "have" should read -- has --; and

Lines 29 and 32, "inventors have" should read -- inventor has --.

Column 2,

Line 53, "inventors" should read -- inventor --.

Column 3,

Line 42, "may-preferably" should read -- may preferably --, and "include" should read -- includes --.

Line 54, "referred" should read -- referred to --; and

Line 56, "(hereupon" should read -- (hereinafter, --.

Column 4,

Line 52, "Hereupon," should read -- Hereinafter, --.

Column 6,

Line 45, "an" should read -- a --.

Column 7,

Line 4, "membrane is" should read -- membrane --; and

Line 24, "an" should read -- a --.

Column 8,

Line 32, "referred" should read -- referred to --; and

Line 36, "fist" should read -- first --.

Column 9,

Line 21, "ordinary" should read -- ordinarily --.

Column 10,

Line 54, "is" should read -- are --; and

Line 56, "electrode" should read -- electrodes --.

Column 11,

Lines 58 and 61, "inventors" should read -- inventor --.

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Column 12,

Lines 1, 7 and 10, "inventors" should read -- inventor --.

Column 13,

Line 37, "a" should read -- an --.

Column 15,

Line 11, "limited" should read -- limited to --; and

Line 58, "(hereupon" should read -- (hereinafter, --.

Column 17,

Line 8, "rage" should read -- range --.

Column 19,

Lines 36, 42 and 45, "inventors" should read -- inventor --.

Column 20,

Line 23, "plate" should read -- paste --;

Lines 36, 39, 43, 45, 47, 52, 54 and 60, "inventors" should read -- inventor --; and

Line 44, "potions" should read -- portions --.

Column 21,

Lines 64 and 67, "inventors" should read -- inventor --.

Column 22,

Lines 6, 11 and 14, "inventors" should read -- inventor --.

Column 23,

Lines 18, 21, 29 and 35, "inventors" should read -- inventor --.

Column 24,

Lines 18, 24, 28 and 32, "inventors" should read -- inventor --; and

Line 62, "surely" should read -- surely be --.

Column 26,

Line 5, "(Ω/□," should read -- (Ω/□), --; and

Line 47, "eve" should read -- even --.

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Page 3 of 7

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 27,

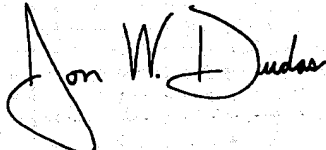
Line 40, "than" should read -- other than --.

Column 28,

Line 43, " $10^4$  ( $\Omega/\square$ )." should read --  $10^{14}$  ( $\Omega/\square$ ). --.

Signed and Sealed this

Thirteenth Day of December, 2005

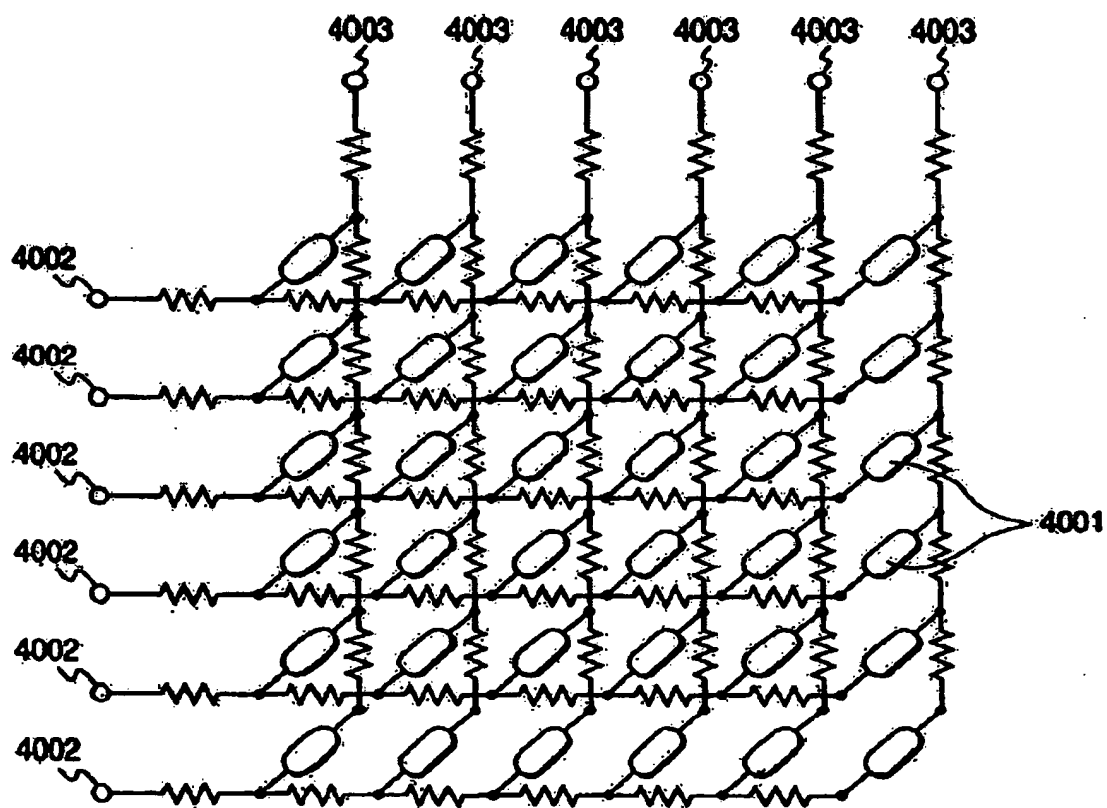
A handwritten signature in black ink, appearing to read "Jon W. Dudas", is written over a faint, rectangular grid background.

JON W. DUDAS

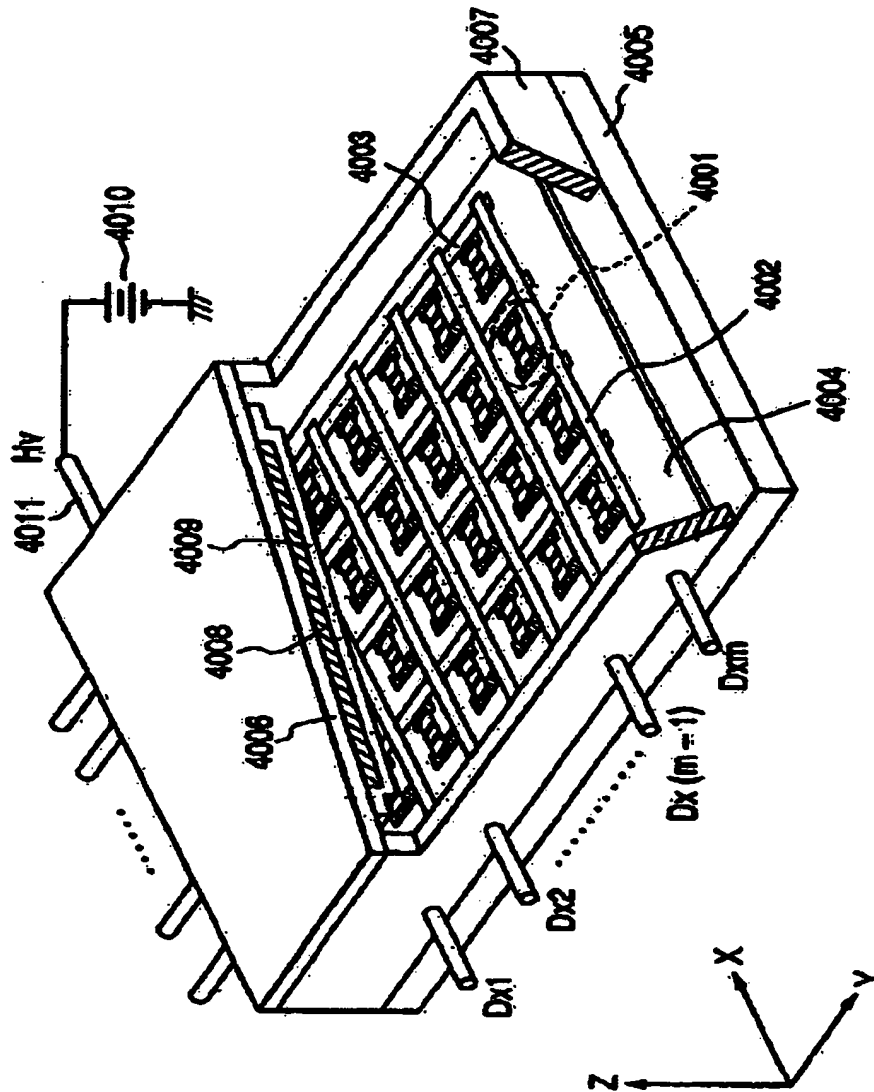
*Director of the United States Patent and Trademark Office*

A cross-sectional view of a semiconductor device. A central channel region 1012 is flanked by two side regions 1013 and 1017. The side regions 1013 and 1017 are separated from the channel 1012 by vertical boundaries 1014 and 1016. The top surface of the device is labeled 1007. The bottom surface is labeled 1005. The channel 1012 is defined by a top surface 1022 and a bottom surface 1023. The side regions 1013 and 1017 are defined by a top surface 1015 and a bottom surface 1018. The channel 1012 is further defined by a top surface 1022 and a bottom surface 1023. The side regions 1013 and 1017 are further defined by a top surface 1015 and a bottom surface 1018. The channel 1012 is further defined by a top surface 1022 and a bottom surface 1023. The side regions 1013 and 1017 are further defined by a top surface 1015 and a bottom surface 1018.

**FIG. 11**  
PRIOR ART



## PRIOR ART



U.S. Patent

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**FIG. 13**  
PRIOR ART

